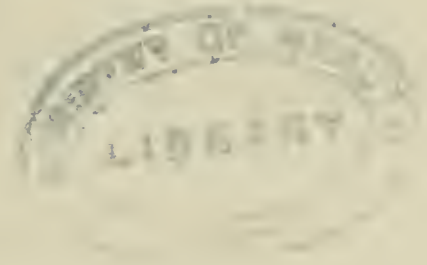


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RURAL DISTRICT OF WELWYN

Interim Annual Medical Report for the year 1946.

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1. Statistics.

The population figure supplied by the Registrar General was 4,890. Statistics have been calculated with this figure.

		<u>Male</u>	<u>Female</u>	<u>Total</u>
Number of deaths from all causes		33	30	63
Number of live births.	Legitimate.	37	37	74
	Illegitimate.	-	5	5
Number of still births.	Legitimate.	1	3	4
	Illegitimate.	-	-	-
Number of deaths of	Legitimate.	5	4	7
infants under one year.	Illegitimate.	-	-	-

	<u>1946</u>	<u>1945</u>	<u>1944</u>	<u>1943</u>
Live birth rate per 1,000 of the population.	15.74	14.60	16.44	16.29
Still birth rate per 1,000 live and still births.	49.38	41.09	24.10	60.24
Crude death rate per 1,000 of the population.	12.88	8.56	8.91	10.28
Death rate of all legitimate infants per 1,000 legitimate live births.	94.59	15.15	40.55	13.33
Death rate of all illegitimate infants per 1,000 illegitimate live births.	--	--	--	--

Death rate for all infants under one year for England and Wales is 43

2. Infectious Disease.

The following cases of infectious disease were notified during the year:-

Scarlet Fever	9
Whooping Cough	3
Measles	5
Tuberculosis	7

3. Diphtheria Immunisation.

During the year 17 children under five and 5 children over five years of age were immunised.

4. Tuberculosis.

There was one death from tuberculosis during the year.

	<u>Male</u>		<u>Female</u>	
	<u>Pulm.</u>	<u>N/Pulm.</u>	<u>Pulm.</u>	<u>N/Pulm.</u>
On the register at 31st December 1945.	11	7	6	4
Removals from register during the year.	3	2	2	1
Added to the register during the year.	2	-	3	2
Cases on the register at 31st December 1946.	10	5	7	5

Total number of cases 27.

5. Water Supply.

(a) Public Supply.

A very small dose of chlorine has been continuously applied to all public water supplies throughout the year.

Samples taken from the various storages in turn, have been submitted monthly for analysis and/or bacteriological examination. The reports have been consistently satisfactory.

Public supply is available throughout the Parish of Welwyn and the greater part of the Parish of Ayot St. Peter.

The average weekly consumption during the twelve months ended 31st March, 1947, was :-

- (i) From Welwyn Garden City Waterworks 1,588,269 gallons.
(Including 332,461 gallons per week supplied in bulk to Hertford R.D.C.)
- (ii) From Welwyn Waterworks 196,080 gallons
- (iii) Total from the two sources consumed in Welwyn R.D. 1,744,349 gallons

(b) Private Supplies.

The Parish of Ayot St. Lawrence remains, as before, dependant upon private supplies. The Council hope to be in a position to consider carrying a piped supply to this Parish in the near future.

6. Drainage and Sewerage and Sewage Disposal.

No material alteration in the conditions prevailing throughout the District has occurred during the year.

The number of cesspools or sewage tanks emptied by the Council's Cesspool emptier during the year was 650 (1170 loads - average 1.8 loads per emptying).

In addition the sewage tank at Oaklands for which the Council is responsible was emptied 78 times (476 loads - average 6.1 loads per emptying) and in addition the undermentioned Council properties were emptied :-

Welwyn Sewage Pumping Station (Screening Chamber)	3 times - 3 loads.
Woolmer Green Sewage Pumping Station (Screening Chamber)	35 times - 35 loads.
Burnham Cottages Cesspool	3 " - 3 "
Station Cottages Cesspool	2 " - 2 "

Included above are 21 cesspools (36 loads) outside the Welwyn Rural District in respect of which payment was received.

The average daily flow at Welwyn Sewage Disposal Works was 61,714 gallons. The lowest daily flow was 40,000 gallons on 6th, 11th, 13th, 15th and 19th October, 1946, and 3rd and 5th November, 1946. On October 19th, 1946, there was .015 inches rainfall, and on 3rd November, 1946, there was a trace of rain. The highest daily flow was 154,000 gallons on 11th December, 1946, on which day there was a rainfall of .20 inches following a fall of .01 inches on the previous day.

7. Rainfall.

The total rainfall recorded at Welwyn Sewage Disposal Works during the year was 29.775 inches.

The average annual rainfall for the previous five years (1942 - 1946) was 23.868 inches.

During 1946 there was measurable fall of rain (and/or snow) on 190 separate days, the heaviest daily fall being 0.90 inches on 9th August. The wettest month was November with 5.33 inches of rain, and the driest month was April with 1.24 inches.

8. House Refuse and Salvage Collection.

Separate house to house weekly collection of refuse and salvage has been carried out by direct labour throughout the year.

The quantity of salvage of various types which was sold during the year ended 31st March, 1947, was 46 tons 5 cwts 2 qtrs., and the payment received for this was £301. 12. 3. This is considerably less than the amount collected and disposed of last year.

The grand total for salvage since a separate salvage collection was started in March 1940, is 826 tons 19 cwts, 2 qtrs., which has been sold for £2,764. 2. 7.

9. Sanitary Inspections and Visits for special purposes.

Premises visited	56
Number of visits	105

<u>Infectious Disease etc.</u>	<u>Premises</u>	<u>Visits</u>
Scarlet Fever	9	9
Tuberculosis	1	1
Drains	3	3
Cesspools	7	8
Miscellaneous	3	3
Smoke	1	1
 Housing defects	 10	 13
Verminous premises	3	3
Milk and Dairies	11	39
Food	8	25
	-----	-----
	56	105
	-----	-----

10. Moveable Dwellings - Public Health Act 1936. Sec. 269.

Five licences to station caravans on various sites were issued during the year.

11. Eradication of bed bugs and black beetles.

Three infestations were reported. The premises were treated and so far as could be ascertained, were cleared.

12. Housing.

(i) New Houses

Six new houses were completed by private enterprise and 46 temporary bungalows by the Council, making a total of 52 new dwellings in the district during the year.

(ii) Housing conditions generally

A contract for site work in connection with the erection of 24 houses at Broadfield Road, Toolmer Green, was let and the work carried out by prisoner of war labour. The contract for the erection of the houses on this site was also let and work commenced, but very little progress had been made by the end of the year owing to inability to find labour.

Final plans for lay-out of Hawbush Common Site for 154 dwellings at Welwyn, and plans for the first 52 houses were approved by the Ministry of Health in November.

A large demand for new housing accommodation remained unsatisfied at the end of the year.

13. Food and Drugs Act, 1938.

Food as detailed below was inspected and certified unfit for human consumption, and either destroyed, disposed of as pig or poultry food, or returned to the suppliers for salvage. Certificates were issued in all cases except one to the persons by whom the food was held at the time of inspection in accordance with the war emergency arrangements agreed with the Ministry of Health, and the Ministry of Food.

The exception was a box of crabs delivered to an hotel, and in this case after consulting the Ministry of Food it was considered that the issue of a certificate was not appropriate.

<u>Food in tins or other containers.</u>	<u>Number of containers.</u>	<u>Weight</u>
Milk	82	60 $\frac{1}{2}$ lbs
Beans	8	7 $\frac{1}{4}$ "
Peas	15	16 $\frac{3}{4}$ "
Vegetables, miscellaneous	9	9 "
Fish, miscellaneous	17	10 $\frac{1}{4}$ "
Meats, miscellaneous	6	15 $\frac{1}{2}$ "
Fruit, miscellaneous	6	7 $\frac{1}{2}$ "
Soup	1	1 "
Spaghetti	1	1 "
Macaroni	1	1 "
	-----	-----
	146	129 $\frac{3}{4}$ lbs
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Loose Foods.

Crab	20 lbs
Bacon	6 $\frac{1}{2}$ "
Oranges	10 Cwts 35 lbs

	10 Cwts. 61 $\frac{1}{2}$ lbs.

Total weight of all foods 11 Cwts. 79 $\frac{1}{4}$ lbs.

14. Typhus.

The mutual aid scheme referred to in the 1943 Report remains nominally in being, but there has been no occasion to operate it, and there have been no meetings or drills during the year.

J. E. DICKSON.

Council Offices,
WELTYN,
Herts.

Medical Officer of Health.